

## KAREN SPENCER

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July 15, 2017

To: Office of the Secretary  
Federal Communications Commission  
Washington, DC 20554

Re: 17-84, 17-79, 15-180

Dear FCC Commissioners,

I am one of the 50 million Americans with autoimmune disease and allergies. I cannot tolerate city water and am forced to buy organic food I can ill afford in order to avoid substances that cause inflammation, eczema & hives, neurological symptoms, debilitating fatigue, kidney pain and liver congestion. It is very challenging.

There was one symptom that I could not control with diet, heart palpitations. I finally figured out that the smart meter on the side of my house was harmful to me. I also began sleeping better with its removal. Those of us with autoimmune disease don't ask to be this way, but we serve an important function. We are the canaries in the coal mine - our symptoms should serve as a warning to the greater population to get to safety before it is too late.

"In May 2011 the World Health Organization elevated exposure to wireless radiation, including WiFi, into the Class 2b list of Carcinogens...The AAEM strongly supports the use of wired Internet connections, and encourages avoidance of radiofrequency such as from WiFi, cellular and mobile phones and towers, and 'smart meters.'"

- [AAEM Position Statement](#) (Wireless Radiofrequency Radiation in Schools, 2013)

See attached scientific reports documenting that the proliferation of wireless communication, whether 5G, cell phones networks, or smart meters is destructive to environment and human health:

Biological effects from exposure to electromagnetic radiation emitted by cell tower base stations and other antenna arrays. Blake Levitt and Henry Lai, Environ. Rev. 2010. Vol **18**: 369–395.

[http://safeschool.ca/uploads/Blake\\_Levit\\_Henry\\_Lai\\_1\\_.pdf](http://safeschool.ca/uploads/Blake_Levit_Henry_Lai_1_.pdf)

Radiofrequency radiation injures trees around mobile phone base stations. Waldmann-Selsam C, Balmori-de la Puente A, Breunig H, Balmori A. Sci Total Environ. 2016 Dec 1;572:554-569.

<https://www.ncbi.nlm.nih.gov/pubmed/27552133?dopt=Abstract>

Bio-Effects Presentation to Electromagnetic Energy Reference Group by Steve Weller on May 25th 2017. <http://www.orsaa.org/latest-news/bio-effects-presentation>

EMF scientists appealed to the United Nations (2015 & 2017)

<https://emfscientist.org/index.php/emf-scientist-appeal>

Update the 1996 Telecom Act. Follow the lead of the EMF scientists and governments of Sweden, France, Italy, Russia, China, etc. who have begun to recognize the impact of electromagnetic hypersensitivity in some and the risks to all people and planet.

Respectfully,

*Karen Spencer*

"Science absolutely requires independence and integrity. Without them science ceases to be science. It becomes a tool to manipulate people." – Dr. Allison Wilson (2015)